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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,245	03/12/2004	Barry Mark Jackson	600.1122DIV	8195

23280 7590 01/19/2005

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EXAMINER
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TAWFIK, SAMEH

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 01/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/799,245

**Applicant(s)**

JACKSON ET AL.

**Examiner**

Sameh H. Tawfik

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 06 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 10-13 and 15-22 is/are pending in the application.
- 4a) Of the above claim(s) 15-22 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION*****Election/Restrictions***

Newly submitted claims 15-22 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the new added claims referring to new limitations distinguished from the original filed claims, for example in claim 15, line 3 “the first motor driving cutting cylinders and the first gripper” and in claim 21, line 3 “a first gripper driven by a first motor”. These limitations make the new added claims treaded as different invention than the filed claims.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 15-22 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 10 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Stab (6,019,714).

Stab discloses a method for cutting and folding printed products comprising the steps of driving with a first motor (Fig. 1; via M1) a first loop for cutting a signature (via cutting cylinder 6) and transferring the signature to a first gripper (via 28, 31); driving with a second motor (M2)

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a second loop for tucking the signature into a first jaw (28) and transferring the signature to a second gripper (31); and driving with a third motor (M3) a third loop for tucking the signature into a second jaw (32).

Regarding claim 11: further including altering a phase between at least the first and second loops, so as to set a lap or perform mode change (via by using different motors M1 and M2).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stab (6,019,714) in view of Kepert et al. (5,520,378).

Stab does not disclose a phasing center to alter a phase between a tucker in the second loop and the first jaw nor a phasing center to alter a phase between a tucker and a second jaw in the third loop. However, Kepert discloses a similar method for cutting and folding with using a phasing center (Figs. 2-4) to lower the circumferential speed between the transfer cylinder and the folding jaw cylinder.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have modified Stab's method by using a phasing center on both second and third loop by M1 and M2, as suggested by Kepert, in order to reduce the mass forces (column 5, lines 31-35).

***Response to Arguments***

Applicant's arguments filed 12/06/2004 have been fully considered but they are not persuasive.

Applicants argue in page 4 of the arguments that claim 10 of the filed invention referring to “driving with a third motor a third loop for tucking the signature into a second jaw.”; which requires that the same signature tucked into the first jaw is then tucked into the second jaw. Wherein Staeb’s reference discloses the first motor M1 for cutting signatures which rare then diverted into one of two paths A or B as shown in Fig. 1, then if diverted to path A, the signature goes to cross folding device 26 driven by motor M2 and if to path B to cross folding device 27 driven by motor M3. Therefore, Staeb’s reference does not teach “driving with a third motor a third loop for tucking the signature into a second jaw.”. The examiner believes that Steb’s reference discloses the signature as shown in Fig. 1; via 3; which is then split to two different path A and B as applicant clarified, but that does not make them two different signature. The examiner believes that by splitting signature 3 and directing them to two different path does not make them two different signature, they still can be consider as one split signature. Based in this the examiner believes that Steb’s discloses “driving with a third motor M3 a third loop for tucking **the** signature into a second jaw”; via part of signature 3 on path B.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sameh H. Tawfik whose telephone number is 571-272-4470. The examiner can normally be reached on Tuesday - Friday from 8:00 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on 571-272-4467. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sameh H. Tawfik  
Patent Examiner  
Art Unit 3721



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